

What is claimed is:

1. A self-standing bag, comprising:
 - a first film comprising a linear low-density polyethylene that comprises a copolymer of ethylene and 1-butene, the amount of linear low-density polyethylene being not less than 35 weight percent of the first film;
 - a second film made with nylon 6 and biaxially drawn at a ratio not less than 2.8 in both a machine direction and a transverse direction, the amount of nylon 6 comprising 55 to 85 weight percent of the second film;
 - a bag body comprising a sealant layer of the first film that is 80 to 150 μm thick and an outer layer of the second film covering the sealant layer of the first film which is laminated thereon;
 - a uni-axially drawn third resin film comprising a polyethylene or polypropylene and laminated on a portion of outer surfaces of the bag body; and
 - a splitting notch formed outside of the bag body and extending through a portion of the third resin film and a portion of the bag body,wherein the bag comprises the combination of the bag body and the third resin film.
2. The self-standing bag according to claim 1, the bag body further comprising a fourth biaxially drawn polyethylene terephthalate film laminated as another outer layer for the sealant layer and the second film, the second film being located between the first and fourth films.
3. The self-standing bag according to claim 1, wherein a bonding strength of the third resin film with the bag body is not less than 5g/mm.
4. The self-standing bag according to claim 1, wherein the second film comprises the 55 to 85 weight percent of nylon 6 and 15 to 45 weight percent of metaxylylene adipamide.
5. The self-standing bag according to claim 1, wherein the first film further comprises low-density polyethylene and ethylene-butene-1 copolymer.

6. A self-standing bag comprising:

a laminated film comprising a sealant layer laminated to an outer layer, the sealant layer comprising a linear low-density polyethylene, the amount of linear low-density polyethylene being not less than 35 weight percent and the outer layer comprising nylon 6 bi-axially drawn at a ratio not less than 2.8 in both machine and transverse directions, the amount of nylon 6 comprising 55 to 85 weight percent of the outer layer;

a sealed bag body comprising sheets of the laminated film sealed about a periphery thereof and having an open space therebetween forming an interior of the bag body, the sealant layer of one sheet being disposed inwardly and facing the sealant layer of the other sheet, the outer layers of the sheets facing outwardly to form outer surfaces of the bag body;

first and second resin films laminated onto the opposing outer surfaces of the bag body and extending in a first direction across the entirety of the bag body so that a portion of the bag body is disposed therebetween, the resin films combining with the portion of the bag body disposed therebetween to form a split guide extending across the bag body; and

a notch at one edge of the first and second resin films and extending through the first and second resin films and the bag body in a second direction transverse to the first direction, the notch enabling tearing of the first and second resin films and the bag body across the first direction to open the sealed bag body.

7. The self-standing bag of Claim 6, wherein the first and second resin films are parallel to each other and symmetric with respect to the bag body.

8. The self-standing bag of Claim 6, wherein the first and second resin films comprise polyethylene or polypropylene.

9. The self-standing bag of Claim 6, wherein a bonding strength of the split guide formed by the first and second resin films and the bag body is not less than 5 grams/millimeter.

10. The self-standing bag of Claim 6, wherein the outer layer comprises 55 to 85 weight percent of nylon 6 and 15 to 45 weight percent of metaxylylene adipamide.

11. The self-standing bag of Claim 6, wherein the linear low-density polyethylene of the sealant layer comprises a copolymer of ethylene and 1-butene.

12. The self-standing bag of Claim 6, wherein the sealant layer further comprises low-density polyethylene and ethylene-butene-1 copolymer.

13. The self-standing bag of Claim 6, wherein the sealant layer has a thickness of 80 to 150 μm .

14. The self-standing bag of Claim 6, wherein the first and second resin films each have a thickness of 40 to 100 μm and a width of from 5 to 20 mm extending across the bag body.

15. The self-standing bag of Claim 6, wherein the laminated film comprises the sealant layer, the outer layer and a biaxially drawn polyethylene terephthalate layer, the outer layer being positioned between the polyethylene terephthalate layer and the sealant layer, outer surfaces of the terephthalate layer forming outer surfaces of the bag body.

16. The self-standing bag of Claim 6, the first and second resin films each comprising a crystalline area arrayed in the first direction by uni-axially drawing of the first and second films only in the first direction before or while laminating the resin films to the bag body, the drawing of the resin films in only the first direction enabling tearing of the split guide in the first direction across the bag body while resisting tearing of the split guide in a third direction transverse to both the first direction and the second direction.